

EXAMINER'S SEARCH NOTES

IS&R L1 4 ((("4370388") or ("5371132") or ("5308574") or ("4826898"))).PN. USPAT
 IS&R L2 522 (264/572).CCLS.USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
 IS&R L3 495 (264/328.7).CCLS. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
 IS&R L4 625 (264/318).CCLS.USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
 BRS L6 13 2 and ((slide or slideable or sliding) NEAR10 core) USPAT; US-PGPUB; EPO; JPO; DERWENT;
 IBM_TDB
 BRS L7 15 ("4101617" | "4201209" | "4385025" | "4778366" | "4792425" | "4830807" | "4993931" | "5057266"
 | "5251954" | "5456957" | "5558824" | "5566954" | "5711907" | "5799385" | "6143237" | "2001/0050450").PN. USPAT
 BRS L8 9 ("2337550" | "4101617" | "5304341" | "5417916" | "5423667" | "5534216" | "5612067" | "5776412" |
 "5849377").PN. USPAT
 BRS L9 2 6143237.URPN. USPAT
 BRS L10 0 6623688.URPN. USPAT
 BRS L11 1115 3 or 4 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
 BRS L13 5 11 and (dam NEAR20 (mold or cavity)) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
 IS&R L14 1 ("5855840").PN. USPAT
 BRS L15 8 ("3724730" | "4342411" | "5069377" | "5207366" | "5262105" | "5470003" | "5622298" |
 "5635117").PN. USPAT
 BRS L16 2 5855840.URPN. USPAT
 BRS L17 14 ("3719313" | "4940175" | "5016799" | "5400938" | "5497924" | "5518157" | "5573159" | "5617981" |
 "5715981" | "5855840" | "5862964" | "5871130" | "5893499" | "6089427").PN. USPAT
 BRS L18 2 2 and (dam NEAR20 (mold or cavity)) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
 BRS L19 6 ("4101617" | "4136220" | "4923666" | "5162230" | "5254306" | "5262103").PN. USPAT
 BRS L20 5 5395582.URPN. USPAT
 BRS L21 53 2 and ((spill or overflow or ejection) NEAR10 cavity) USPAT; US-PGPUB; EPO; JPO;
 DERWENT; IBM_TDB
 BRS L22 0 2 and (((spill or overflow or ejection) NEAR10 cavity) and dam) USPAT; US-PGPUB; EPO; JPO;
 DERWENT; IBM_TDB
 BRS L23 1 6 and 21USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

US 5409659 A USPAT 19950425 14 Hollow injection-molding method and pressurized fluid introducing
 and discharging apparatus therefor 264/572 264/328.12; 264/328.13; 264/328.7; 264/328.8;
 425/130; 425/557; 425/562; 425/573 Matsumoto, Hiroyuki et al.
 US 5254306 A USPAT 19931019 9 Method for making a double layer molded product using a dam in the
 mold cavity 264/572 264/255; 264/328.12; 264/328.8; 264/328.9; 425/130; 425/566
 Inada, Yoshihiro et al.
 JP 01168425 A JPO 19890703 4 MANUFACTURE OF HOLLOW MOLDED ARTICLE
 264/331.11; 264/572 ITO, KEIZO et al.
 US 6143237 A USPAT 20001107 7 Method and apparatus for producing plastic objects with solid
 sections and hollow sections 264/572 264/40.1; 264/40.5; 425/130; 425/135 Eckardt, Helmut
 et al.
 US 4101617 A USPAT 19780718 5 Method for injection molding of hollow shaped bodies from
 thermoplastic resins 264/572 264/155; 425/533 Friederich, Ernst
 US 5849377 A USPAT 19981215 18 Injection-molded hollow article, hollow injection molding method and
 metal mold therefor 428/35.7 264/328.7; 264/572; 425/572; 425/577; 428/116; 428/118; 428/119;
 428/166; 428/178; 428/188; 428/73 Horikoshi, Maki et al.
 US 5612067 A USPAT 19970318 14 Molding apparatus for producing synthetic resin molded product
 425/533 264/328.12; 264/328.13; 264/572; 425/546; 425/812 Kurihara, Tsuneo et al.

EXAMINER'S SEARCH NOTES

US 5424017 A 264/163	USPAT 19950613 264/257; 264/328.7	12	Method for forming fiber-reinforced articles Hinduja, Murli L. et al.	
US 5622298 A 224/326	USPAT 19970422 224/316; 224/325; 264/572	8	One-piece end support and method of forming thereof Cucheran, John S. et al.	
US 5262105 A 264/209.1; 264/259; 264/328.12; 264/328.13; 264/328.7; 264/328.8; 264/513; 264/516; 264/572 Komiyama, Chiaki et al.	USPAT 19931116	23	Method for molding hollow shaped bodies	264/85
US 5395582 A 425/130	USPAT 19950307 Shigeno, Kazumichi et al.	9	Hollow injection molding method	264/572
US 6042356 A pin subsystem including a blocking pin assembly for use therein Murphy, John F.	USPAT 20000328	7	Mold for use in a gas-assisted injection molding system and ejector 425/130	264/572; 425/444; 425/556
US 6042355 A pin subsystem including a split pin for use therein 425/806; 425/812 Murphy, John F. et al.	USPAT 20000328	6	Mold for use in a gas-assisted injection molding system and ejector 425/130	264/572; 425/444; 425/546; 425/556;
US 6024911 A 264/572	USPAT 20000215 425/130	8	Method of producing a molded article having a hollow rim Brauner, Manfred	
US 5997799 A variation between two gas volumes	USPAT 19991207	11	Method for injection-moulding a hollow product using a pressure 264/572	425/130 Driessen, Marcellis H. J. et al.
US 5885518 A within an article-defining mold cavity and article produced thereby W.	USPAT 19990323	9	Method for injection molding utilizing a variable volume spill area 264/572	Hendry, James
US 5759459 A 264/572; 425/130	USPAT 19980602 Eckardt, Helmut et al.	6	Method for producing plastic objects	264/40.1
US 5607640 A 264/572	USPAT 19970304 425/130	13	Method for injection molding of plastic article Hendry, James W.	
US 5098637 A thereby	USPAT 19920324 264/572	9	Process for injection molding and hollow plastic article produced 264/328.12; 264/328.13; 264/328.7; 264/328.8	Hendry, James W.
US 5371132 A 524/413	USPAT 19941206 524/425; 524/447; 524/449; 524/451; 524/494; 524/496; 524/606	13	Polyamide resin composition and molded articles obtained therefrom	Ebara, Kenji et al.
US 5308574 A shaped molded article	USPAT 19940503 264/572	14	Method of injection molding with air assist for making a handle- 425/130	Yamazaki, Kunio et al.
US 4826898 A Hirosawa, Takumi et al.	USPAT 19890502	7	Colored polypropylene resin	524/88 524/583
US 4370388 A 428/462; 428/476.1; 428/476.9; 428/483; 428/516; 428/517; 525/74; 525/77; 525/78; 525/86 Mito, Masaharu et al.	USPAT 19830125	7	Laminated multilayer structure	428/461